GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:1249
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POWER GENERATION
Naik Shri Shripad Yesso;Patil Shri A.T. Nana;Raghavan Shri M. K.;Rao Shri Kavuri Samba Siva;Reddy Shri Magunta Srinivasulu;Sharma Dr. Arvind Kumar;Singh Shri Vijay Bahadur

Will the Minister of POWER be pleased to state:

(a) the details of the target set and achievement made in power generation during the last Three Five Year Plans, plan-wise;

(b) the reasons for not achieving the target set during these plan periods;

(c) the target set for capacity addition during the Twelfth Five Year Plan, source wise; and

(d) the action plan formulated to achieve the target set during the Twelfth Five Year Plan?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI K.C. VENUGOPAL)

(a): Power generation targets (in Million Units) are fixed on an annual basis and not for a Five Year Plan period. However, the Plan-wise capacity addition target set (in MW) and achievement made during the last three plan periods are indicated in the table given below:

Five Year Plan	Target(MW)	Achievement(MW)
9th (1997-2002)	40245	19,015
10th (2002-2007)	41110	21180
11th (2007-2012)	78700	54964

The power generation capacity added in the Eleventh Plan is 54964 MW as against the total capacity addition of 56618 MW in the 8th, 9th and 10th Plans taken together. The capacity added during the Eleventh Plan is about 260% of the total capacity added during the Tenth Plan. In the year 2011-12, capacity addition of 20502 MW exceeded the target of 17601 MW, which is the highest ever annual capacity addition and is nearly equal to capacity added in the Tenth Plan.

(b): The major reasons for not achieving the capacity addition targets include delay in the placement of orders for main plant equipment, delay and non-sequential supply of material for main plant and Balance of Plant, slow progress of civil works, contractual disputes between project developer and contractor and their sub-vendors / sub-contractors, poor geology, flash flood, delay in land acquisition, environmental concern, shortage of manpower, law and order problems and difficult climate conditions.

(c): The Working Group on Power constituted by the Planning Commission to formulate the 12th Five Year Plan for the Power sector has submitted it`s report to the Planning Commission. As per the report of this Working Group, capacity addition requirement during the 12th Plan is 75,785 MW. The source-wise break up of 12th Plan capacity addition programme is given as under:

(In MW)

	Hydro	Thermal	Nuclear	Total
Central	5632	11426	2800	19858
State	1456	12340	0	13796
Private	2116	40015	0	42131
Total	9204	63781	2800	75785

(d): Several measures have been initiated by the Government to achieve the capacity addition target. These include:

(i) Augmentation of manufacturing capacity of BHEL from 10,000 MW in December, 2007 to 20,000 MW by 2012.

(ii) Formation of several new joint ventures to manufacture super-critical boilers and turbine-generators for thermal power plants.

(iii) Periodic review of issues related to supply of power equipment from BHEL by a group under the chairmanship of Secretary (Heavy Industry).

(iv) Rigorous monitoring of projects at different levels including by Ministry of Power, Central Electricity Authority, Power Projects Monitoring Panel and Advisory Group under the chairmanship of Minister of Power.

(v) Introduction of web-based monitoring system.